# Mountain Weather Forecast

## Yorkshire Dales National Park

Forecast valid from 06:00 on Monday 09 Nov 2020 until 23:59 on Tuesday 10 Nov 2020

Forecast Issued on Monday 09 Nov 2020 at 04:28

**Confidence:** High for mild, mainly southerly winds and for rain at times, but low confidence for cloud details and for amounts and timings of rain.

**Headline for Monday 09 Nov 2020:** Some early brightness in west and low cloud and fog will mostly lift in morning, but mainly cloudy with rain or showers at times, some heavy later.

**Mountain weather hazards on Monday 09 Nov 2020**

**Blizzards**
No Likelihood

**Heavy Snow**
No Likelihood

**Storm force winds**
No Likelihood

**Gales**
No Likelihood

**Severe chill effect**
No Likelihood

**Poor visibility**
High Likelihood

**Thunderstorms**
Low Likelihood

**Heavy persistent rain**
Low Likelihood

**Strong sunlight**
No Likelihood

| **Weather and chance of precipitation at 600m** | | | | | |
|---|---|---|---|---|---|
| Time | | | | | |
| 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | |
| Sunny intervals | Light rain | Fog | Fog | Fog | Light rain |
| Precipitation probability | | | | | |
| 10% | 40% | 40% | 40% | 40% | 80% |

**Forecast for Monday 09 Nov 2020**

**Weather:** Some early brightness likely in the west and worst of low cloud and murk will lift through the morning, but staying cloudy with outbreaks of mainly light rain through the day and still some hill fog, especially over southern slopes. Rain turning heavier and more prolonged in the evening, with perhaps some thundery outbreaks.

**Chance of cloud free mountain/hill tops above 600m:** 20 or 30% with generally persistent cloud down to 600m, but periods of cloud down to 400m or below, especially later in day.

**Visibility:** Moderate or poor at first, becoming mostly good beneath cloud, but often poor or very poor at height in cloud and only a few kilometres in rain at times.

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# Mountain Weather Forecast

**Forecast for Monday 09 Nov 2020**

| Height (m) | Wind Speed mean/gusts (mph) Wind Direction (blowing from) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 7/9 SE | 6/11 SE | 9/13 SE | 12/16 SE | 11/16 SE | 11/17 SE | 10/16 SE |
| **300** | 2/8 SE | 3/10 SE | 3/10 E | 5/12 SE | 4/13 SE | 3/11 E | 5/14 SE |
| **Valley** | 4/9 E | 4/11 E | 3/11 E | 5/13 E | 7/15 E | 6/15 E | 6/14 E |

| Height (m) | Temperature / Feels Like (°C) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 10/8 | 8/7 | 10/8 | 9/6 | 9/6 | 9/6 | 9/6 |
| **300** | 9/8 | 10/9 | 11/11 | 11/10 | 10/10 | 10/10 | 10/9 |
| **Valley** | 10/9 | 10/10 | 12/12 | 13/12 | 12/10 | 12/10 | 12/11 |
| **Freezing Level*** | 2100m | 2200m | 2300m | 2200m | 2200m | 2200m | 2200m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

A rather muggy and damp day, with some heavy rain at times. Very slippery underfoot and easy to become disorientated in cloud at height.

**Recent rainfall:** measured at Malham: altitude 375m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 03:00 on Mon 09 Nov 2020 | 2.2mm | 2.4mm | 2.4mm |

**Forecast for Tuesday 10 Nov 2020**

**Weather:** Outbreaks of rain overnight with a good deal of fog and hill fog to start the day, then mostly cloudy with patchy rain, though fog slowly lifting from the lower slopes. A more persistent spell of rain in early evening, but clearing late evening with some clear spells developing, though low cloud and patchy mist likely to reform

**Maximum wind:** Southwest, turning west for a time, 5-10mph increasing 15mph later

**Chance of cloud free mountain/hill tops above 600m:** 10% with cloud often down to between 450 and 600m, perhaps 30% chance in afternoon as cloud lifts and breaks a little.

**Visibility:** Moderate to good beneath cloud but only a few kilometres in rain and generally poor or very poor at height.

**Temperature:** **Valleys:** Plus 9 rising to plus 12 C
**At 600m:** Plus 8 C
**Freezing level:** Above summits.

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